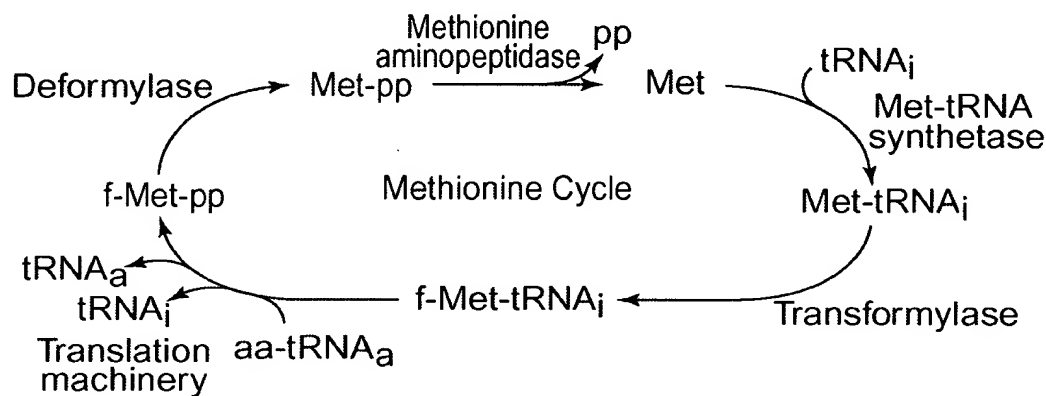
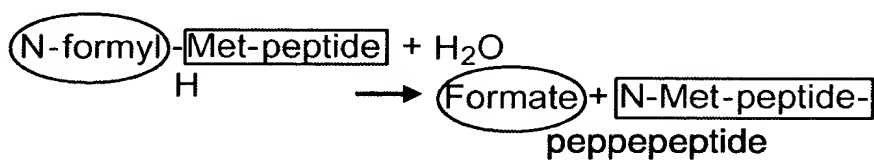


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**Fig. 1**



**Fig. 2**

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1 50

SEQ ID NO:6 Pseudo pdf ~~~~~M AIKKLVPASH

SEQ ID NO:2 E. coli pdf ~~~~~ SVLQVLHIPD

SEQ ID NO:3 Haemop influ ~~~~~M TALNVLIIYPD

SEQ ID NO:4 Bacillus sub ~~~~~M AVKKVVTHTPA

SEQ ID NO:5 Mycopl pneu MTKILPVSTI SIFRIILILP QINMELLPTK AWLVLDVKE INEPTKPVQF

SEQ ID NO:1 Active pdf MYEYLNLF VIQ..LKQIK IRKVQYMLTM KDIIRDGHPT LRQKAAEEL

51 100

Pseudo pdf PILTKKAQAV KTFDDSLKRL LQDLEDTRYA .QEAAGLCAP QINQSLQVAI

E. coli pdf ERLRKVAKPV EEVNAEIQRI VDDMFETMYA .EEGIGLAAT QVDIHQRIIV

Haemop influ DHLKVCEPV TKVNDIAIRKI VDDMFDTMYQ .EKIGILAAP QVDILQRIIT

Bacillus sub EVLETPAETV TVFDKLLKLL LDDMYDTMLE .MDGVGLAAP QIGILKRAAV

Mycopl pneu PLDQASLDCI AKMMAYVDAS YNGD.AEKYG IIPGIGIAAN QIGYWKQM.F

Active pdf PLTKEKETL IAMREFLVNS QDEEIAKRYG LRS~~GV~~GLAAP QINISKRM.I

101 150

Pseudo pdf ....IDMEM. ...EGLLQLV N.....PKI ISQSNETITD IEGSITLPDV

E. coli pdf ....IDVSEN RDER..LVLI N.....PEL LEKSGET.GI EEGCLSIPFQ

Haemop influ ....IDVEGD KQNQ..FVLI N.....PEI LASEGET.GI EEGCLSIPGF

Bacillus sub ....VEIGDD R.GR..IDL N.....PEI LEKSGET.TG IEGCLSFPNV

Mycopl pneu YIHLMD..GG VEHKCLLINP KIINLSANKS FLKSG.... EGCLSVPKM

Active pdf AVLIPDDGSG KSYDYMLVNP KIVSHSVQEA YLPTG.... EGCLSVDDN

151 200

Pseudo pdf YG.EVTRSKM IVVESYD.VN GNKVELTAHE DVARMILHII DQMNGIPFTE

E. coli pdf RA.LVPRAEK VKIRALD.RD GKPFELEADG LLAICIQHEM DHLVGKLFMD

Haemop influ RA.LVPRKEK VTRALD.RD GKEFTLDADG LLAICIQHEI DHLNGILFVD

Bacillus sub YG.DVTRADY VKVRAF.N.RQ GKPFLEARG FLARAVQHEM DHLDGVLFST

Mycopl pneu HQGYVIRHEW ITITGFDWLQ QKEITITATG LFGMCLOHEF DHLQGRFYH

Active pdf VAGLVHRHNI ITIKAKD.IE GNDIQLRLKG YPAIVFQHEI DHLNGVMFYD

201 235

Pseudo pdf RADRILTDKE VEAYFINDRS HHHHHH ~ ~~~~~

E. coli pdf YLSPLKQORI RQKVEKLDRL KARA~~~~~

Haemop influ YLSPLKQORI KEKLIKYYKKQ IAKS~~~~~

Bacillus sub KISKYYTEDE LADMEG~~~~~

Mycopl pneu RINPLNPLFT NKEWKVINPA LPSDSE~~~~~

Active pdf HIDKDHPLQP HTDAVEVH HHH~~~~~

Fig. 3



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MW Stds.  
Pseudo PDF  
Pseudo PDF  
PDF 1  
PDF 1  
PDF 2  
PDF 2  
MW Stds.

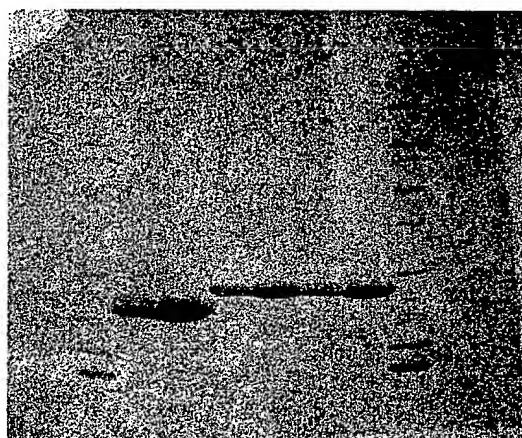
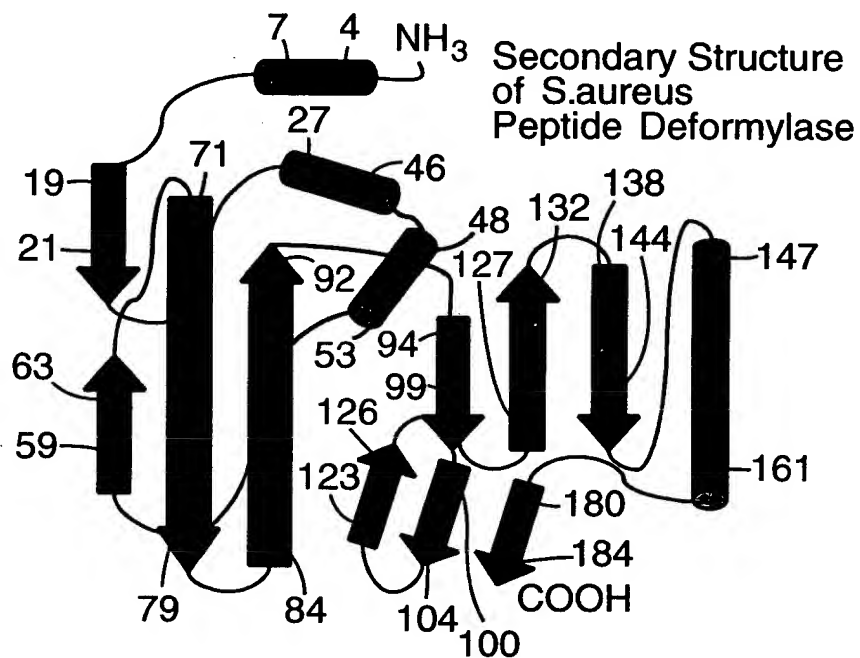


Fig. 4

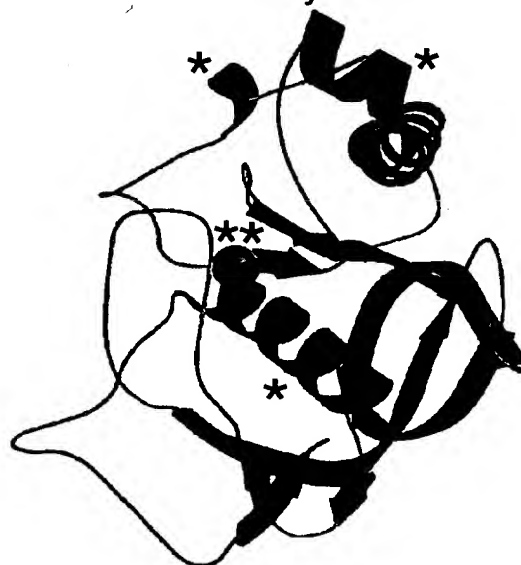


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**Fig. 5**

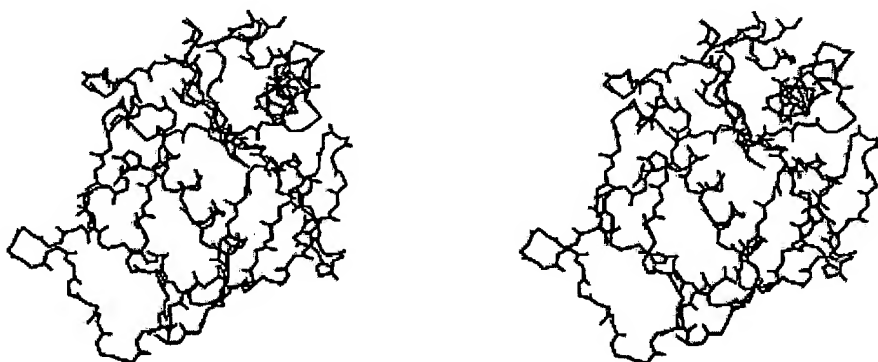
PDF Secondary Structure



**Fig. 6**



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**Fig. 7**

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Electrostatic Surface  
of S.aureus PDF

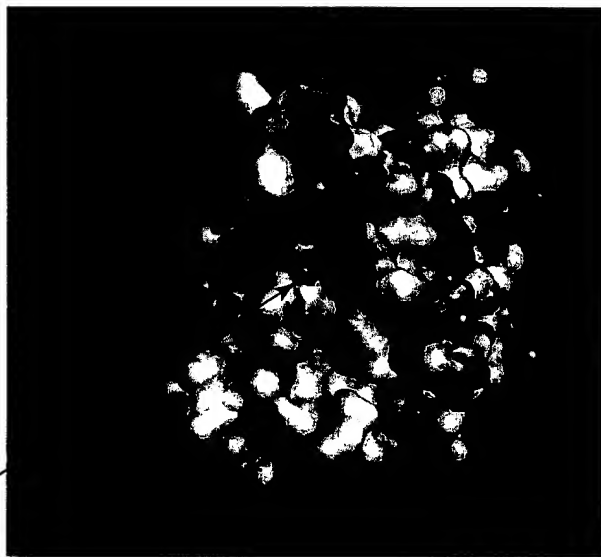


Fig. 8

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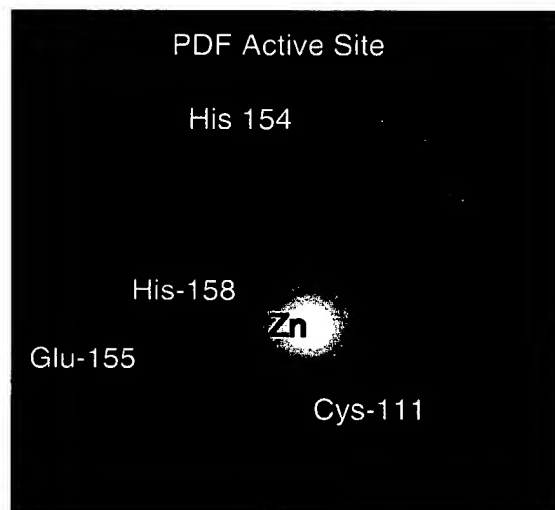
TITLE: CRYSTALLIZATION AND STRUCTURE OF STAPHYLOCOCCUS AUREUS PEPTIDE DEFORMYLASE  
Applicant(s): Baldwin et al.  
Serial No.: 09/896,580  
Express Mail No.: EL 888274525 US

Filed: June 29, 2001  
Docket: 6317.N

Confirmation No.: 2621

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**Fig. 9**

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SEQ ID NO:7	<i>S. aureus</i>	MLTMKDIIRDGHLRQKAAELEPLTEEEKETLIMREFLVNSQDEEIAKRYG
SEQ ID NO:8	<i>E. coli</i>	SV LRVAKPVEEV EIQRIVDMFETMY
	<i>S. aureus</i>	GVGLAAPQINISKRMIAVLIPDDGSGKSYDLVNPKIVS SVQEAYLPTEGCL
	<i>E. coli</i>	GIGLAATQVDIHQRIIVIDVSEN LINPELLE S GETGI EGCL
	<i>S. aureus</i>	VDDNVALVHRHNRI IKAKDIEGNDIQLRLKGYPAlVFQHEIDHLNGVMFYDHI
	<i>E. coli</i>	IPEQR LVPRAEKV IRALDRDGKPFLEADGLLAICIQHEMDHLVGKLFMDYL
	<i>S. aureus</i>	DKDHPLQPHTDAVEVHHH
	<i>E. coli</i>	SPLKQQRIRQKVEKLDRLK

**Fig. 10**



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Fig. 11a

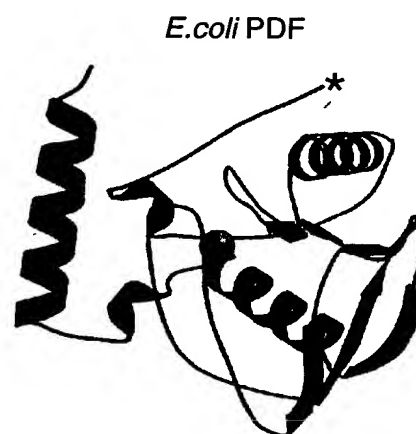


Fig. 11b



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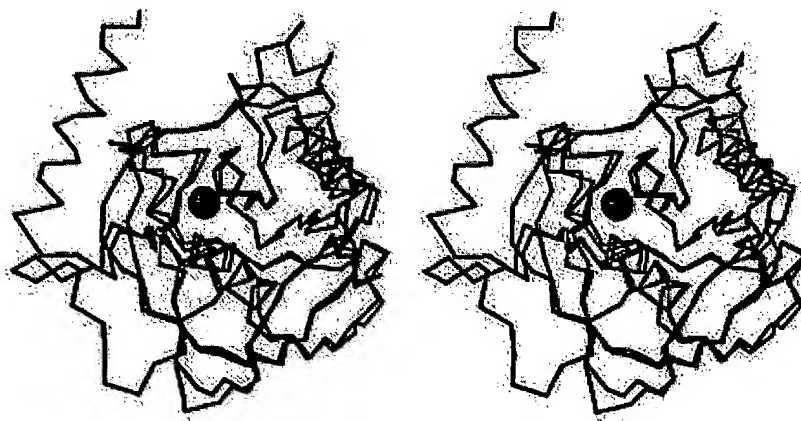


Fig. 12

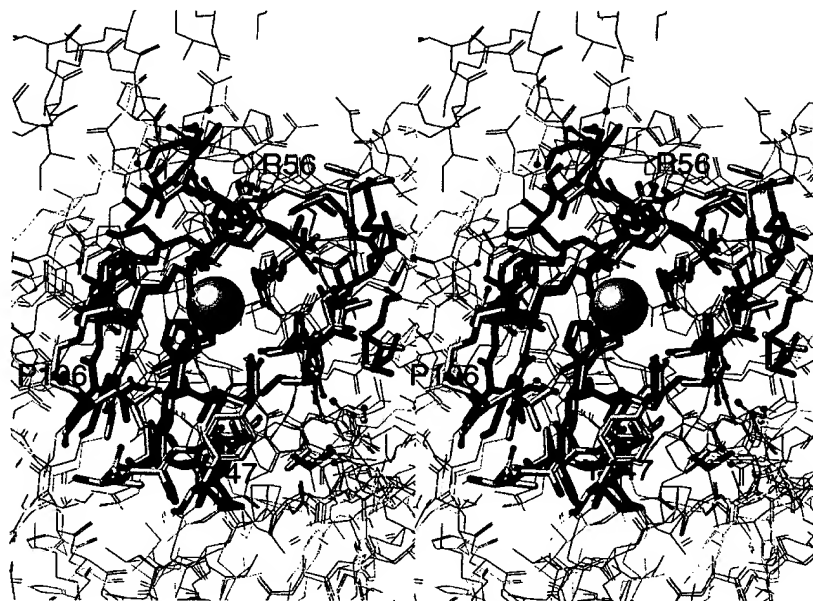
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**Fig. 13**



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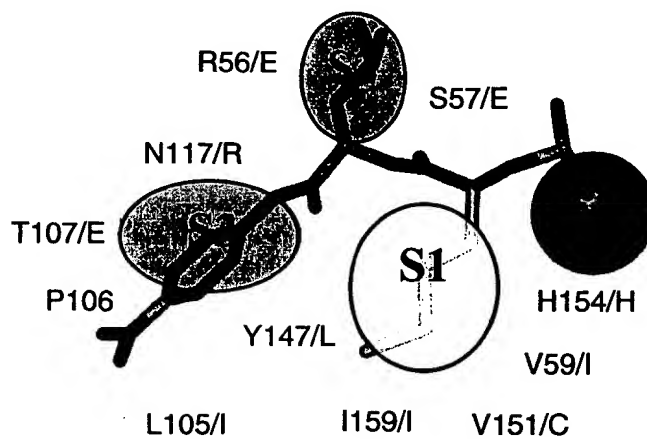


Fig. 14a

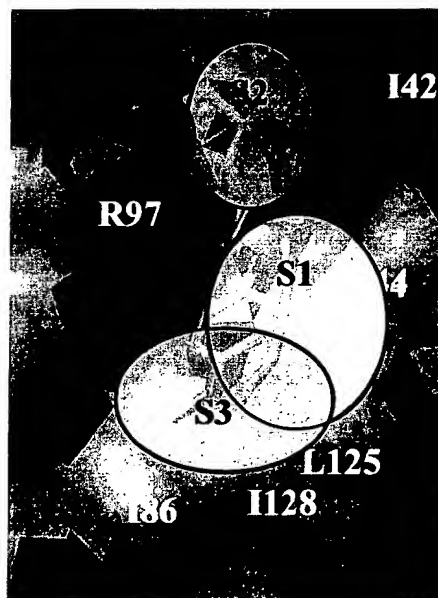
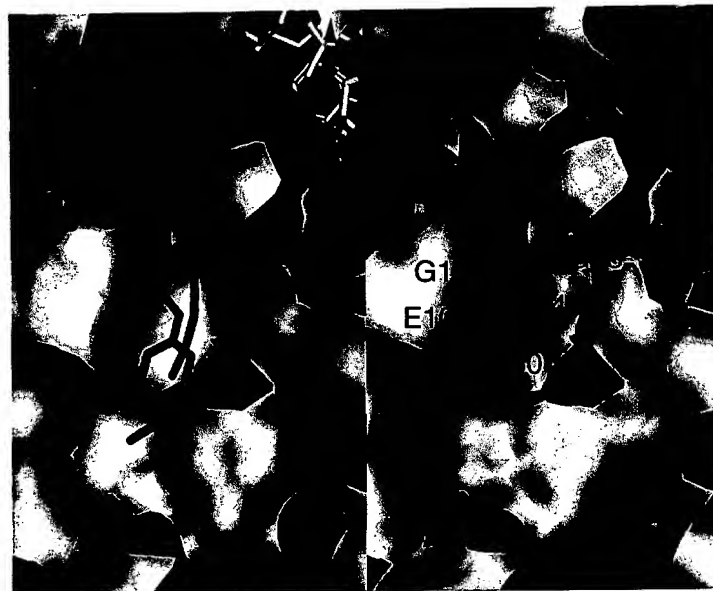


Fig. 14b



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**Fig. 15**

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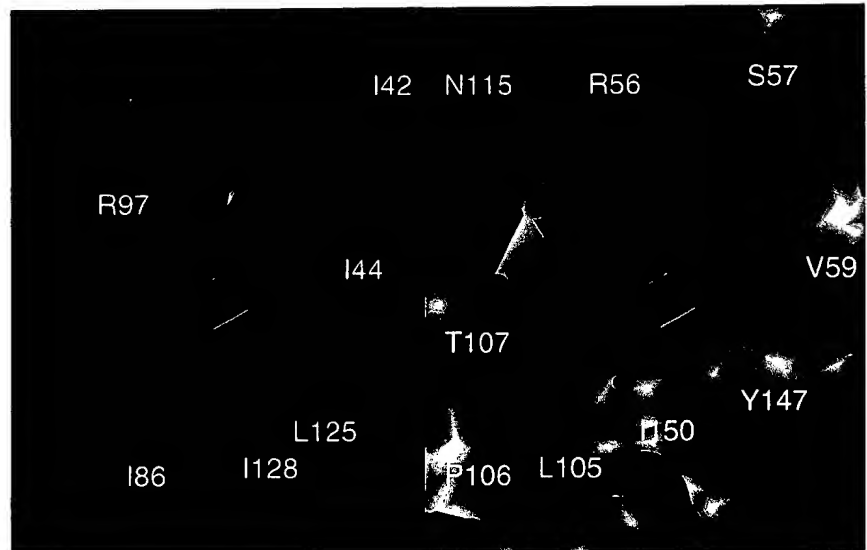
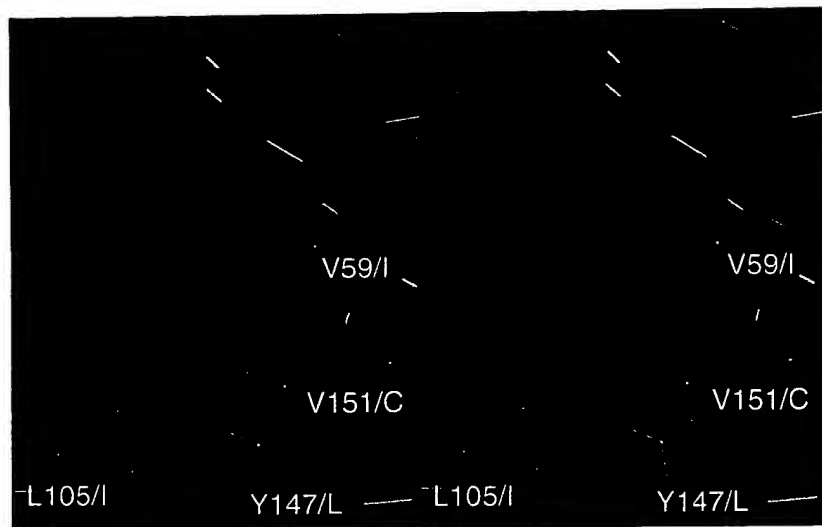


Fig. 16



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**Fig. 17**

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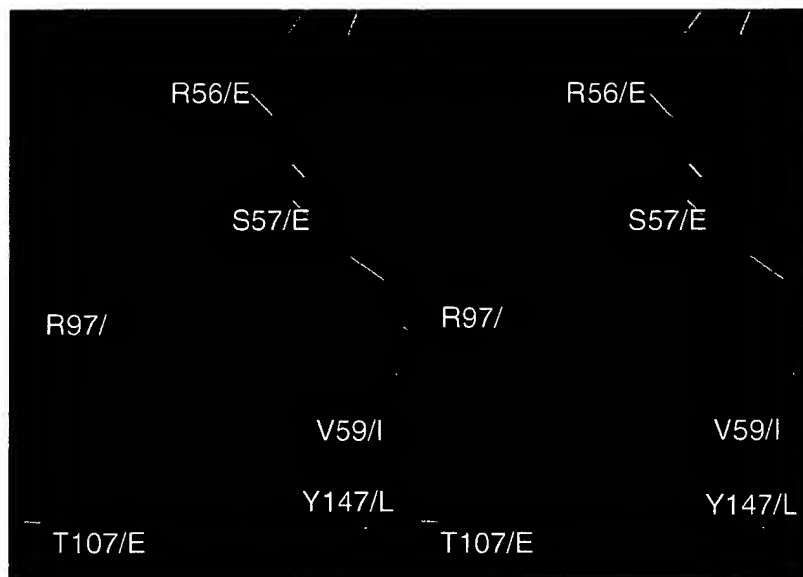
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**Fig. 18**



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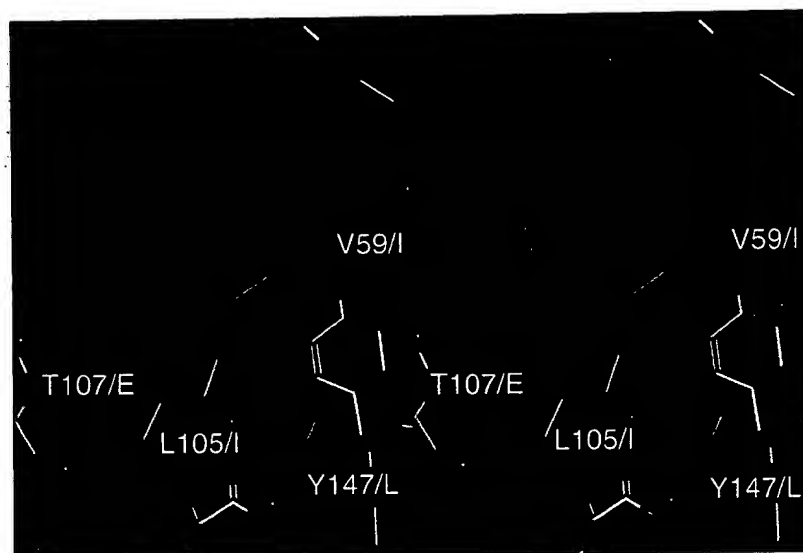
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**Fig. 19**